

# U.S. Department of Energy Sustainability Performance Office DOE Sustainability SPOTlight

Issue 28 December 2013

## SUSTAINABILITY NEWS

### DOE Releases 2013 Strategic Sustainability Performance Plan

On December 5, 2013, the Department of Energy (DOE) released its 2013 Strategic Sustainability Performance Plan (SSPP). Required by Executive Order (E.O.) 13514, *Federal Leadership in Environmental, Energy, and Economic Performance*, the SSPP provides a framework for actions to fulfill Federally-mandated sustainability requirements. The fourth annual SSPP outlines DOE's progress-to-date while committing the Department to additional steps to ensure DOE's sustainability objectives are achieved.

DOE has made significant progress since its first SSPP. Through FY 2012, DOE significantly decreased energy intensity in its buildings and operations. Since FY 2003, DOE reduced energy intensity by 23 percent, exceeding the interim target and placing the Department on-track to meet the FY 2015 goal. DOE is also exceeding the goal for renewable energy. As of FY 2012, DOE's use of renewable energy as a percentage of its overall electricity usage was 17.5 percent. This performance exceeds the requirement of 7.5 percent and places the Department on-track to meet the 20 percent FY 2020 goal.

For more information on DOE's sustainability goals, download and read the [2013 Strategic Sustainability Performance Plan](#).

### President Obama Issues Executive Order Preparing for Climate Change Impacts

President Obama recently issued an Executive Order (E.O.) to address the effects of climate change. *Preparing the United States for the Impacts of Climate Change*, builds on recent progress and pursues new strategies to improve the Nation's preparedness and resilience to climate change impacts. Federal agencies are tasked to promote: (1) engaged and strong partnerships and information sharing at all levels of government; (2) risk-informed decision making and the tools to facilitate it; (3) adaptive learning, in which experiences serve as opportunities to inform and adjust future actions; and (4) preparedness planning. The E.O. also calls for Federal agencies to strengthen and regularly update their Climate Change Adaptation Plans. To read the full E.O., visit: <http://go.usa.gov/ZaMP>.

To read DOE's original Climate Change Adaptation Plan, submitted as an appendix to the 2012 SSPP, visit: <http://go.usa.gov/ZCrj>.

## SUCCESS STORIES

### NNSA National Security Campus Receives LEED Gold Certification



The new NSC Headquarters Building

The National Nuclear Security Administration (NNSA) recently achieved LEED® Gold Certification for their new National Security Campus (NSC) in Kansas City, Missouri. At over 1.5 million square feet, the new campus was completed on time and on budget in November 2012 in partnership with the General Services Administration (GSA). The new campus incorporated innovative sustainable design features, including: a white roof to help reflect solar heat, campus parking with preferred spaces for fuel efficient and low emitting vehicles, highly-efficient plumbing and other energy-efficient features, environmentally preferable materials, and lighting and thermal controls in the majority of regularly occupied spaces. The new campus reduces the site's overall footprint by 50 percent while cutting operating costs by approximately \$100 million annually.

For more information, visit <http://nnsa.energy.gov/mediaroom/pressreleases/nscleed>.

## SUSTAINABILITY SUPERSTAR



(from left to right: Andy Heisch; Brian Hitson, Melanie Harriman; Bryan Williams; Charlene Luther; Sharon Brillhart)

The SPO would like to extend a special "thank you" to the Office of Science and Technical Information (OSTI) for their recent consolidated energy data report (CEDR) submission. For the second year in a row, OSTI was the first DOE site to submit their annual sustainability data.

Congratulations and thanks for your support.

**Send us your champion!**



**2013 DOE Sustainability Awards** The Sustainability Performance Office recently notified the winners of the 2013 DOE Sustainability Awards. Please stay tuned over the coming weeks for recognition of the winning teams and individuals.

## UPCOMING EVENTS AND MILESTONES



(Click to view SPO Calendar) ↑

### COURSES, WEBINARS, AND EVENTS

Dec 19: [Federal Guiding Principles Checklist in ENERGY STAR® Portfolio Manager](#)  
 Jan 14-15: [Federal Utility Partnership Working Group \(FUPWG\) Seminar](#)

## ON-DEMAND TRAINING

### Certifications

[GSA-Sponsored LEED Training Certification for Federal Employees](#)

### Financing

[ESPCs for Small Sites](#)

[UESCs and Energy Project Funds](#)

[Energy Savings Performance Contracting](#)

[Measurement and Verification in ESPCs](#)

### Buildings

[Commissioning for Federal Facilities](#)

[Operations, Maintenance, and Commissioning](#)

[Implementing Deep Retrofits](#)

[Building Automation Systems for Existing Federal Facilities](#)

### Water

[Water Efficiency Planning and Implementation](#)

[Stormwater Management & Water Conservation](#)

### Data Centers

[Data Center Efficiency with ASHRAE Thermal Guidelines](#)

### Fleet

[Complying with the EPC Act 2005 Section 701 Requirement to Use Alternative Fuel in Dual-Fuel Vehicles](#)

## SUCCESS STORIES

### EPA's Federal Electronics Challenge Recognizes 8 DOE Sites

The U.S. Environmental Protection Agency's (EPA) Federal Electronics Challenge (FEC) recognizes electronic stewardship actions undertaken by the Federal government to improve sustainable practices when purchasing, managing, and disposing of electronic assets. EPA recently announced the winners of the 2013 FEC Awards, with DOE sites and National Laboratories receiving nearly half of the total awards presented. DOE's East Tennessee Technology Park, National Renewable Energy Laboratory, Idaho National Laboratory, Portsmouth Gaseous Diffusion Plant, Savannah River Site, Uranium Hexafluoride (DUF<sub>6</sub>) Conversion Project, Environmental Management Consolidated Business Center, and SLAC National Accelerator Laboratory were recognized as 2013 FEC winners.



For more information on the FEC Awards, visit: <http://www2.epa.gov/fec/2013-federal-electronics-challenge-award-winners>.

## SUSTAINABILITY RESOURCES

### EPA Releases Guidance on Purchasing EPEAT Registered Products

The U.S. Environmental Protection Agency (EPA) recently released guidance for Federal procurement of computer desktops, notebooks, workstations, televisions, and other EPEAT qualified products. The guidance covers purchasing requirements, EPEAT products availability, sample contract language, and reporting requirements.

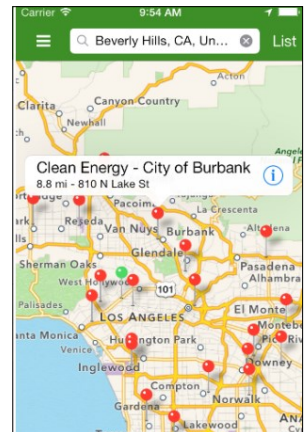


To view the guidance, visit: <http://www.epa.gov/epeat/EPEATProducts.pdf>.

### Alternative Fueling Station Locator now available for iPhone

The National Renewable Energy Laboratory (NREL), in support of DOE's [Clean Cities program](#), recently developed an iPhone application for locating alternative fueling stations. Based on the [Alternative Fueling Station Locator website](#), the iPhone app provides location and fueling information for alternative fueling stations throughout the United States. The app lists where drivers can fuel up with biodiesel (B20), natural gas (compressed and/or liquefied), electricity, ethanol (E85) and propane.

For more information and to download the app, visit: <http://energy.gov/eere/articles/alternative-fueling-station-locator-app-provides-info-your-fingertips>.



**HAPPY HOLIDAYS FROM THE SUSTAINABILITY PERFORMANCE OFFICE!**



Check out CEQ's latest GreenGov Leader newsletter: <http://go.usa.gov/g8yT>



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